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(54) ELECTROLYTE AND SECONDARY BATTERY

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a secondary battery that has improved safety in the overcharge condition and an electrolyte used in it.

SOLUTION: In the electrolyte solution in which lithium salt is dissolved in a solvent that is made of mainly at least one kind of non-aqueous system solvent selected from a group of carbonic ester, ether, and lactone, dicarboxylic acid diester (excluding succinic acid diester) or its derivative and an aromatic group compound having a molecular number of 500 or less are contained in the above solvent.

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